

Date: Wed, 24 Aug 94 01:01:11 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #955  
To: Info-Hams

Info-Hams Digest                      Wed, 24 Aug 94                      Volume 94 : Issue 955

Today's Topics:

ARLB068 SM ELECTION RESULTS  
ARLD052 DXAC vote results  
Can you 6M U.S. coast to coast?  
Cushcraft R7. Does it work?  
How to Use An Auto Patch (2 msgs)  
ICOM service center phone #?  
Kenwood DSP-100 Info  
Need qsl route for kg4an  
Poor audio fix for HT's.  
Satellite Data

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Tue, 23 Aug 1994 18:12:21 EDT  
From: psinntp!arrl.org!usenet@uunet.uu.net  
Subject: ARLB068 SM ELECTION RESULTS  
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB068  
ARLB068 SM ELECTION RESULTS

ZCZC AG33  
QST de W1AW  
ARRL Bulletin 68 ARLB068

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Date: Tue, 23 Aug 1994 18:52:25 EDT  
From: psinntp!arrl.org!usenet@uunet.uu.net  
Subject: ARLD052 DXAC vote results  
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD052  
ARLD052 DXAC vote results

ZCZC AE50  
QST de W1AW  
DX Bulletin 52 ARLD052

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Date: 23 Aug 1994 09:27:05 -0700  
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!  
channel.ecst.csuchico.edu!olivea!news.hal.COM!halsoft.com!netcomsv!dodge!not-for-  
mail@network.ucsd.edu  
Subject: Can you 6M U.S. coast to coast?  
To: info-hams@ucsd.edu

In article <333irr\$ktf@ccnet.ccnet.com>,  
Bob Wilkins n6fri <rwilkins@ccnet.com> wrote:  
>Steve Phillips (srphillips@ccgate.dp.beckman.com) wrote:  
>: Can you 6M U.S. coast to coast?  
>: If so, how much power and what antenna type is best?  
>  
>Most of the time no amount of power or antenna will work. But during  
>times of good propagation, modest stations will work coast to coast.  
>  
>A month ago several of us in the Berkeley Hills of California were able to  
>work a Hawaiian 2meter repeater with a one watt handheld using a  
>rubber-duck antenna. This was due to tropospheric ducting, a weather  
>related propagation mechanism. Again, normally no amount of power or  
>antennas will work over this 2500 mile path.

6m does not react the same as 2m with tropospheric ducting. The  
phenomenon that makes 6m propagate long distances is known as sporadic-E  
skip. One way to monitor this is to use an FM radio that does not mute  
the hiss between stations. Tune low on the FM band and listen for the  
level of the hissing. If the level increases, then sporadic-E skip is  
increasing.

There was an article in QST or CQ about this within the last couple of  
years. A ham had done quite extensive studying on sporadic-E. He tuned  
several FM radios to different FM stations that were out of range in

various directions. Depending on what stations would start to come in he could use their locations plot the approximate size and location of the sporadic-E skip zone from his location.

73,  
km6wt

-----  
Date: Mon, 22 Aug 1994 09:12:22 +0800  
From: ftpbox!mothost!schbbs!NewsWatcher!user@uunet.uu.net  
Subject: Cushcraft R7. Does it work?  
To: info-hams@ucsd.edu

In article <9408190722591.DLITE.gilbaronw0mn@delphi.com>,  
gilbaronw0mn@delphi.com (Gilbert Baron) wrote:

> I have a Cushcraft R7 antenna. It has never been satisfactory. It resonates  
> on some bands and not on others. I have had several traps replaced but as  
> soon as it fixes one band I have to get another trap for another band. I  
> have it mounted 4 feet above my roof (no metal and nothing else within  
> 40 feet) which Cushcraft claims can be a problem but that it should be  
> adjustable. This week I got a new 12 meter trap because it would not even  
> tune into any part of that band. It fixed 12 meters but now the lowest  
> swr on 18 mhz band is 5 to 1. The 20 and 15 meter bands resonate way below  
> the band edge. The 40 meter band works fairly well. Has anyone gotten this  
> antenna to perform as advertised on all its' bands?  
> I must say Cushcraft has been pretty tolerant. The last trap was sent to me  
> ups blue arriving yesterday and I have had the antenna for two years so they  
> extended the warranty. The problem is that the great service is not a help if  
> I can't get the antenna to function. I really have the  
> feeling of a 350 dollar ripoff. HELLLLLLLLLLLLLLLLLL please.  
>  
>                   Gil Baron, El Baron Rojo, WOMN Rochester,MN  
>                   "Bailar es Vivir"  
>                   PGP2.6 key upon request

Yes! I had an R5 which worked fine until it got hit by lightning and now have an R7. Both worked right out of the box and resonated almost right where Cushcraft said they would. They were so close that I did not have to make any fine adjustments to either of them. The R5 was better than spec for VSWR and the R7 meets its spec on most bands and exceeds it (i.e., is better than) on the others.

Now, my antennas are on top of a concrete 10 floor apartment building, about three feet above the six foot parapet wall on which I side-mounted an aluminum pipe. But your question is does it work. Yes it does.

--

- Maurice Nunas, 9V1ZS

-----

Date: 23 Aug 1994 13:33:51 -0700  
From: ihnp4.ucsd.edu!agate!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!  
elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!  
news.cerf.net!ccnet.com!ccnet.com!not-for-mail@@.  
Subject: How to Use An Auto Patch  
To: info-hams@ucsd.edu

Richard Joerger (joerger@resumix.portal.com) wrote:

: Our company club sponsors three repeaters all with autopatches. Two of the  
: repeaters  
: are open. Because we are a company sponsored club we cannot accept members who  
: are not employed by Racal. In addition since the patches are connected to the  
: company PBX we cannot, by company decree, open the patches to non-members.

I wonder how Racal and its amateur trustee of the repeater stations can  
get away with excluding the amateur community from 100 kHz of amateur  
spectrum and resources? You say the repeaters are open but you have to be  
employed by Racal to be a member. Looks like the company is providing  
autopatch service to its employees using amateur frequencies rather than  
business or smr service...

any comments?

Bob

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

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Date: 23 Aug 94 16:59:11 EST  
From: ccsua.ctstateu.edu!bourque\_par@yale.arpa  
Subject: How to Use An Auto Patch  
To: info-hams@ucsd.edu

> Our company club sponsors three repeaters all with autopatches. Two of the  
> repeaters  
> are open. Because we are a company sponsored club we cannot accept members who  
> are not employed by Racal. In addition since the patches are connected to the  
> company PBX we cannot, by company decree, open the patches to non-members.

>  
> It is always best to ask before trying to access a patch belonging to a group  
> of which you are not a member. Those who try to access ours are politely  
informed  
> of our policy. If they persist the machine is turned off by a control operator.  
>  
Maybe I'm interpreting this wrong, but wouldnt this company sponsorship of the  
repeater lead to business transactions being held. Especially if it is  
restricted to employees only. Or do you just have an ungodly number of employee  
hams working there??

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*-----*
* Paul Bourque          N1SFE | Host of *
* PO Box 310069 Newington, CT 06131 | "Nocturnal Emissions" *
* | Friday Mornings 3-6 AM *
* E-Mail: | on 91.3 WWUH FM *
* BOURQUE_PAR@CCSUA.CTSTATEU.EDU | West Hartford, CT *
* PBOURQUE@NYX.CS.DU.EDU | *
*-----*
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Date: 23 Aug 1994 19:37:14 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!uhog.mit.edu!news.kei.com!eff!news.duke.edu!duke.edu!
jbs@network.ucsd.edu
Subject: ICOM service center phone #?
To: info-hams@ucsd.edu
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In article <33deq2\$pto@news.udel.edu> dave@dusys.cms.udel.edu (Dave Dabell)  
writes:  
>jbs@ee.duke.edu wrote:  
>: I need to send my ICOM rig to be repaired, but I don't know where to send  
>: it. Where is the closest ICOM service center to North Carolina? And does  
>: anyone have its, or any other ICOM service center's, phone number?  
>  
> (206) 454-8155 is a number for Icom.

Thanks, but:

"Please hold. Your call will be answered in the order in which it was  
received. The average wait time is five minutes."

Anybody have any other numbers I can try?

This kind of "support" makes me want to throw the thing in the trash and  
buy a Ten-Tec.

-joe

--

"When personal freedom's being abused, | "In Canada we have something called  
you have to move to limit it." | multiculturalism - you will find the  
| whole spectrum of races living in  
- U.S. President Bill Clinton, 1994 | Toronto's slums." -A Canadian

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Date: Mon, 22 Aug 1994 08:45:19 +0800  
From: ftpbox!mothost!schbbs!NewsWatcher!user@uunet.uu.net  
Subject: Kenwood DSP-100 Info  
To: info-hams@ucsd.edu

In article <32r4vn\$8sg@sa-htn.sa-htn.valmet.com>, jeffr@sa-htn.valmet.com  
(Jeff Racz) wrote:

> I am looking for any information that is available on the Kenwood DSP-100  
> for the TS-450/690. I purchased one used and would like to compare notes  
> with someone else who has used one as to whether or not the results I am  
> seeing/not seeing represent the normal operation of the unit. Post in the  
> newsgroup so that others can learn as well.  
>  
> 73...Jeff  
> jeffr@sa-htn.valmet.com

--

Yes! Please post here. I have been trying to find out about this unit for  
some time. Even the Kenwood floks here in Singapore are vague on what it  
does. For example, what does it do compared to such DSP units as Timewave  
usually brings blank stares.

- Maurice Nunas, 9V1ZS

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Date: 23 Aug 1994 16:02:06 -0500  
From: dog.ee.lbl.gov!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!  
charnel.ecst.csuchico.edu!yeshua.marcam.com!zip.eecs.umich.edu!  
newsxfer.itd.umich.edu!europa.eng.gtefsd.com!@ihnp4.ucsd.edu  
Subject: Need qsl route for kg4an  
To: info-hams@ucsd.edu

Greetings! i couldn't find kg4an on any of the servers. He is the  
qsl route for kg4eh at ford naval base. If anyone has any address,  
I'd love to here from you.

73 de dave, n9uxu

-----  
Date: 23 Aug 1994 14:41:02 -0400  
From: news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!  
travelers.mail.cornell.edu!news.kei.com!eff!news.duke.edu!solaris.cc.vt.edu!  
swiss.ans.net!newstf01.cr1.aol.com!@@ihnp4.ucsd.edu  
Subject: Poor audio fix for HT's.  
To: info-hams@ucsd.edu

I bought a set of small Sony speakers made for their Walkman line of radios (Wal Mart has them). You have to get a stereo to mono adapter (from Radio Shack) to use both speakers. How does it work? GREAT. I get excellent audio from my IC2SAT and ICW2A. It only cost me about \$15.00, including tax and the cost of the adapter. Sony also makes a line of amplified speakers that run on batteries that I want to try soon.

BTW, I also use the Sony speakers for external speakers on my base radio. It doesn't work as good as a bigger speaker, but it works better than the wimpy internal speaker.

Warren Whitby  
wwhitby@aol.com  
73s de KE4ITL

-----  
Date: 23 Aug 1994 15:43:30 GMT  
From: thecourier.cims.nyu.edu!longlast.cs.nyu.edu!jackson@nyu.arpa  
Subject: Satellite Data  
To: info-hams@ucsd.edu

In article <331c7b\$801@gerald0.cc.utexas.edu>,  
kourt@foghorn.cc.utexas.edu (Kourt) writes:  
|> I've been playing around with my satellite program, and I would like to update  
|> the elements for all the satellites and for any others I can get my hands on.

Read rec.radio.amateur.space (or is it sci.space?). I, too, just picked up a tracking program over the last couple of weeks, and have been looking there for Keplerian element updates, or keps.

You can also FTP to archive.afit.af.mil, cd to /pub/space, get tle.new, and import that file using the NORAD layout.

I use PCTrak300, which allows a max of 200 satellites, so it maxes out before all satellites are updated. I suggest you completely erase your program's memory of all satellites

before importing the new set so you don't waste any database slots on satellites (or STS missions) that may no longer be up.

Or, you can ftp any .tle files and import them as NORAD elements for a subset of tle.new. See the first part of the file name for the description of the types of satellites you will be updating, be it weather.tle or amateur.tle for instance.

You should at least review one .tle file so you know what to look for when they are posted to whichever newsgroup they are posted to between the two I listed at the top.

I have a TNC at home, but only a scanner with it, so I'm working on a Crosstalk script to save keps whenever I'm lucky enough to be monitoring while someone else in my area is reviewing them. I already have one that saves the subject line (and soon to be body) of an article when someone has something I'm interested in for sale.

Hope this helps.. it's sure helped me.

--

Steven Jackson, Assistant to the Chair of Computer Science  
Courant Institute of Mathematical Sciences, New York University  
251 Mercer Street, NY NY 10012

Work	<-- (forwarded)	Home
jackson@cs.nyu.edu,	jcksnte@acfccluster.nyu.edu,	sjackson@cjbbs.com

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Date: 23 Aug 1994 18:13:16 GMT  
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!eff!  
news.kei.com!travelers.mail.cornell.edu!newstand.syr.edu!malamb@ames.arpa  
To: info-hams@ucsd.edu

References <32b3ns\$pol@news.acns.nwu.edu>, <32h95q\$6mf@dunx1.ocs.drexel.edu>,  
<CuyJs5.A9I@news.Hawaii.Edu>.com  
Subject : Re: VOA Internet Audio Debuts Aug. 15

Jeffrey Herman (jeffrey@kahuna.tmc.edu) wrote:  
: In article <32h95q\$6mf@dunx1.ocs.drexel.edu> woolmata@dunx1.ocs.drexel.edu  
(Thomas Woolman) writes:  
: >  
: > Just curious, but does anyone know who is responsible for producing the  
: > programs and writing/editing their content? I'm just wondering who's



: >in charge of the U.S. Propoganda Machine. This might explain why so  
: >people outside of the United States hate Americans. It's because our  
: >radio propoganda is so badly produced.

: Ouch. Sounds as if you've been audited by the IRS.

: I've talked to MANY foreign students on campus about the VOA bcsts and  
: none of them had anything bad to say about the VOA - everyone one of  
: them mentioned how helpful the bcsts were in getting familiar with  
: American culture; some who were from very small towns or villages said  
: their community was completely dependent upon the VOA for world news.

: One reason those outside the US might hate Americans is that they've  
: encountered American tourists with 'attitude problems'.

Also, if you listen at the end of a lot of VOA news and other programming,  
you will hear the credits at the end. Whatever one thinks of VOA  
programming, I really don't think they're trying to conceal the names of  
the people who write and edit their material. As for the name of the person  
in charge of the VOA, his name is Geoffrey Cowan, and he does not try to  
hide his identity from the public. If one does not like a station, fine,  
but I really do not think that it is fair to get quite like this. I have  
posted before that I think the discussion of program content on this net  
is perfectly acceptable, but one should also direct one's comments to the  
stations in question so that they know what listeners think. If one has  
something to say about VOA or any other station, the only way to let them  
know for certain what you think of their programming is to tell them  
directly. I know that I have had plenty of in-person, telephone, fax, and  
e-mail contact with various people in various VOA departments, and I have  
always been treated fairly, even though by law I am not in their target  
audience. If anyone has feedback for them, I'm sure that they are willing  
to listen, and it's the best way to improve whatever you don't like on the  
air. This isn't meant as a flame; rather, it's a bit of (I hope) useful  
advice. I work in domestic radio, and when someone tells me what a terrible  
job I do (not often, thank goodness), it's not enough; I ask how I can do  
better!

73--

Marie Lamb

Replies to: malamb@mailbox.syr.edu

-----  
Date: (null)

From: (null)  
-----

Date: 23 Aug 1994 21:20:07 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!kennish@network.ucsd.edu  
To: info-hams@ucsd.edu

References <32tnls\$j1q@prodsq1.prodigy.bc.ca>, <Cuzx7s.LFH@rd1.racal.com>,  
<33dmff\$43@ccnet.ccnet.com>  
Subject : Re: How to Use An Auto Patch

In article <33dmff\$43@ccnet.ccnet.com>,  
Bob Wilkins n6fri <rwilkins@ccnet.com> wrote:  
>Richard Joerger (joerger@resumix.portal.com) wrote:  
>  
>: Our company club sponsors three repeaters all with autopatches. Two of the  
repeaters  
>: are open. Because we are a company sponsored club we cannot accept members who  
>: are not employed by Racal. In addition since the patches are connected to the  
>: company PBX we cannot, by company decree, open the patches to non-members.  
>  
>I wonder how Racal and its amateur trustee of the repeater stations can  
>get away with excluding the amateur community from 100 kHz of amateur  
>spectrum and resources? You say the repeaters are open but you have to be  
>employed by Racal to be a member. Looks like the company is providing  
>autopatch service to its employees using amateur frequencies rather than  
>business or smr service...  
  
>any comments?

I think you misread this Bob. The repeaters can be used by anyone  
(at least the two that are "open".) The PATCHES are closed. Nowhere  
did it say that you have to be a member to use the "open" repeaters.

Anyhow, this is a rehash of the open/closed thing. The trustee can  
exclude usage of the repeater to anyone he/she chooses.

Would the situation be any different if a person was providing the  
phone lines and said that you have to be a member of his exclusive  
club to use it?

Although it really smacks against the spirit of amateur radio, I think  
the situation is merely that of the trustee exercising his/her right  
to limit use of the repeater to a select few, as allowed in the  
current reading of the rules.

==ken

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Date: Tue, 23 Aug 1994 23:14:57 GMT

From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!library.ucla.edu!  
csulb.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!rat!zeus!rheiss@ames.arpa  
To: info-hams@ucsd.edu

References <3397dj\$rsb@gerald.cc.utexas.edu>,  
<1994Aug22.151203.1428@newsgate.sps.mot.com>, <wyn.146.2E58D715@ornl.gov>ulb  
Subject : Re: learning CW

>Oh, and there is plenty of QRM, fading, etc. there so you get the full effect.

Almost, if that fading is fast enough to chop letters in half. Real  
challenging copy includes a slurring vibroplex fist, a long-path echo, a  
heterodyne, sudden QRN from a neighbor's appliance, and a KHz of drift.

A morse program with a sound board could do all of those effects. So  
could a cruel Volunteer Examiner. :-)

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Date: 23 Aug 1994 11:46:48 -0700

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!uhog.mit.edu!news.kei.com!ssd.intel.com!chnews!  
ornews.intel.com!ornews.intel.com!not-for-mail@network.  
To: info-hams@ucsd.edu

References <jchandleCutCGx.8FK@netcom.com>, <33b0k9\$b31@ornews.intel.com>,  
<33d6cm\$7mu@network.ucsd.edu>sd.  
Subject : Re: VHF: non-FM

In article <33d6cm\$7mu@network.ucsd.edu> brian@nothing.ucsd.edu (Brian Kantor)  
writes:

>In the early days of the Japanese-built ham 2m radios, bad solder joints  
>were very common causes of rigs showing up on the warrantee repair bench  
>I used to run.

>

>After the pattern became obvious, I began resoldering the entire board  
>with a small propane torch. Radios worked fine and few of them ever had  
>to be repaired again.

> - Brian

Hmm... I used to use that method to remove parts from boards but I hadn't  
considered it for fixing them because I used to set the epoxy on fire  
when I was removing them. I was using oxy-acetylene though.

I would like to correct my post about the 'rare' radio. I have an Icom 201  
which is probably pretty rare but the 211 isn't. The 201 is constructed  
such that you can't get at either side of the motherboard to resolder it

without a very complicated mechanical disassembly. I've resorted to running wires to fix the bad joints. Its very modularized ala Quasar style but now we know what was wrong with that idea, don't we? All the modules have good solder joints.

See you on 144.200 Mhz. In the PDX area there is a Monday nite informal get-together on 144.400 at 21:00 PDT. Can't really call it a net or anything but its fun.

--

zardoz@ornews.intel.com WA7LDV  
I speak only for myself.

Leave it to the BEAVER state  
<<< OREGON >>>

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Date: (null)  
From: (null)

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End of Info-Hams Digest V94 #955  
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